

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0188.2US	SERIAL NO. 10/079,334
	APPLICANT De et al.	
	FILING DATE February 20, 2002	GROUP 2611

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/J.P./		6,144,711	11/2000	Raleigh et al.			
/J.P./		6,208,295	03/2001	Dogan et al.			
/J.P./		6,252,540	06/2001	Hale et al.			
/J.P./		6,370,129	04/2002	Huang			
/J.P./	*	6,424,596	07/2002	Donald			
/J.P./	*	6,952,460	10/2005	Van Wechel et al.			
/J.P./	*	2002/0146078	10/2002	Gorokhov et al.			
/J.P./	*	2003/0021335	01/2003	De et al.			
/J.P./	*	2003/0026325	02/2003	De et al.			
/J.P./	*	2004/0136316	07/2004	Kwak et al.			

FOREIGN PATENT DOCUMENTS

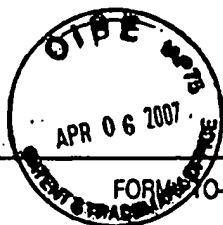
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/J.P./		99/40698	08/1999	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/J.P./		Klein et al., "Zero Forcing and Minimum Mean-Square-Error Equalization for Multiuser Detection in Code-Division Multiple-Access Channels," IEEE Transactions on Vehicular Technology, Vol. 45, No. 2, May 1996.
/J.P./		Klein, "Data Detection Algorithms Specially Designed for the Downlink of CDMA Mobile Radio Systems," IEEE 47 th Vehicular Technology Conference, Phoenix, Arizona, US, May 1997.
/J.P./		Karimi et al., "A Novel and Efficient Solution to Block-Based Joint-Detection Using Approximate Cholesky Factorization," Motorola GSM Products Division, Swindon, UK, 1998.

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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/J.P./		PA Consulting Group/Racal Instruments Ltd., "Low Cost MMSE-BLE-SD Algorithm for UTRA TDD Mode Downlink," ETSI STC SMG2 Layer 1 Expert Group, Helsinki, Finland, September 1998.	
/J.P./		Klein et al., "Linear Unbiased Data Estimation in Mobile Radio Systems Applying CDMA," IEEE Journal on Selected Areas in Communications, Vol. 11, No. 7, September 1993.	
/J.P./		Benvenuto et al., "Joint Detection with Low Computational Complexity for Hybrid TD-CDMA Systems," Vehicular Technology Conference, 1999, VTC IEEE VTS 50 th , Amsterdam, The Netherlands, September 1999.	
/J.P./		Das et al., "Computationally Efficient Multiuser Detectors," Personal, Indoor and Mobile Radio Communications, 1997, The 8 th Annual IEEE International Symposium on Helsinki, Finland, September 1997.	
/J.P./		Lee et al., "A Fast Computation Algorithm for the Decision Feedback Equalizer," IEEE Transactions on Communications, Vol. 43, No. 11, November 1999.	
/J.P./	*	Vollmer et al., "Comparative Study of Joint-Detection Techniques for TD-CDMA Based Mobile Radio Systems", IEEE Journal on Selected Areas in Communications, IEEE, Vol. 19, No. 8, August 2001, pp. 1461-1475.	
/J.P./	*	Pan et al., "Low Complexity Data Detection Using Fast Fourier Transform Decomposition of Channel Correlation Matrix", 2001 IEEE Global Telecommunications Conference, Vol. 2 of 6, November 2001, pp. 1322-1326.	
/J.P./	*	3G TS 25.221 V3.2.0, 2000-03, "ULTRA (TDD) physical channels and mapping of transport channels onto physical channels," 3 rd Generation Partnership Project, Technical Specification Group RAN WG1. (www.3gpp.org).	
/J.P./	*	3G TS 25.221 V4.0.0, 2001-03, "ULTRA (TDD) physical channels and mapping of transport channels onto physical channels," 3 rd Generation Partnership Project, Technical Specification Group RAN WG1. (www.3gpp.org).	
/J.P./	*	3G TS 25.221 V4.2.0, 2001-09, "ULTRA (TDD) physical channels and mapping of transport channels onto physical channels," 3 rd Generation Partnership Project, Technical Specification Group RAN WG1. (www.3gpp.org).	
/J.P./	*	J. Blanz, A. Klein, M. NaBhan, and A. Steil, "Performance of a cellular hybrid C/TDMA mobile radio system applying joint detection and coherent receiver antenna diversity," IEEE. J. Select. Areas Commun., Vol. 12, pp. 568-579, May 1994.	

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/J.P./	.	G.K. Kaleh, "Channel equalization for block transmission systems," IEEE J. Select. Areas Commun., Vol. 13, pp. 110-120, Jan. 1995.	
/J.P./	.	P. Jung and J. Blanz, "Joint detection with coherent receiver antenna diversity in CDMA mobile radio systems," IEEE Trans. Veh. Technol., Vol. 44, pp. 76-88, Feb. 1995.	
/J.P./	.	N. Benvenuto and G. Sostrato, "Joint detection with low computational complexity for hybrid TD-CDMA systems," IEEE J. Select. Areas Commun., Vol. 19, pp. 245-253, Jan. 2001	
/J.P./	.	M. Vollmer, J. Götze, M. Haardt, "Joint-Detection using Fast Fourier Transforms in TD-CDMA based Mobile Radio Systems." International Conference on Telecommunications, Cheju, Korea, June 1999.	

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